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<!--StartFragment-->RESULT 1
US-10-360-522-54
; Sequence 54, Application US/10360522
; GENERAL INFORMATION:
; APPLICANT: Allefs, Josephus J.H.M.
; APPLICANT: Vossen v.d., Edwin A.G.
; TITLE OF INVENTION: NUCLEIC ACID ENCODING PRODUCT THAT PROVIDES PLANTS WITH
; TITLE OF INVENTION: FUNGAL RESISTANCE AND RELATED METHODS
; FILE REFERENCE: U 014413-9
; CURRENT APPLICATION NUMBER: US/10/360,522
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: EP 02075565.8
; PRIOR FILING DATE: 2002-02-08
; PRIOR APPLICATION NUMBER: PCT/NL03/00091
; PRIOR FILING DATE: 2003-02-07
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 970
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: deduced
; OTHER INFORMATION: Rpi-blb protein sequence domainA, B and C
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (1)..(970)
US-10-360-522-54

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Query Match          100.0%; Score 5055; DB 33; Length 970;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 970; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 MAEAFIQVLLDNLTSLKGEVLVLLFGFQDEFQRLSSMFSTIQAVLEDAQEQLNNKPLEN 60
      |
Db      1 MAEAFIQVLLDNLTSLKGEVLVLLFGFQDEFQRLSSMFSTIQAVLEDAQEQLNNKPLEN 60
      |

Qy     61 WLQKLNAATYEVDLILDEYKTKATRFSSQSEYGRYHPKVIPFRHKVKGKRDQVMKKLKAIA 120
      |
Db     61 WLQKLNAATYEVDLILDEYKTKATRFSSQSEYGRYHPKVIPFRHKVKGKRDQVMKKLKAIA 120
      |

Qy    121 EERKNFHLHEKIVERQAVRRETGSVLTEPQVYGRDKEKDEIVKILINNVSDAQHLSVLPI 180
      |
Db    121 EERKNFHLHEKIVERQAVRRETGSVLTEPQVYGRDKEKDEIVKILINNVSDAQHLSVLPI 180
      |

Qy    181 LGMGGLGKTTLAQMVFNDRVTEHFHFSKIWICVSEDFDEKRLIKAIVESIEGRPLLGE 240
      |
Db    181 LGMGGLGKTTLAQMVFNDRVTEHFHFSKIWICVSEDFDEKRLIKAIVESIEGRPLLGE 240
      |

Qy    241 LAPLQKKLQELLNGKRYLLVLDVWVWNEQQKWANLRAVLKVGASGASVLTTRLEKVGSI 300
      |
Db    241 LAPLQKKLQELLNGKRYLLVLDVWVWNEQQKWANLRAVLKVGASGASVLTTRLEKVGSI 300
      |

Qy    301 MGTLPQPYELSNLSQEDCWLLFMQRAFGHQEEINPNLVAIGKEIVKSSGGVPLAAKTLGGI 360
      |
Db    301 MGTLPQPYELSNLSQEDCWLLFMQRAFGHQEEINPNLVAIGKEIVKSSGGVPLAAKTLGGI 360
      |

Qy    361 LCFKREERAWEHVRDSPIWNLPQDESSILPALRLSYHLPLDLKQCFAYCAVFPKDAKME 420
      |
Db    361 LCFKREERAWEHVRDSPIWNLPQDESSILPALRLSYHLPLDLKQCFAYCAVFPKDAKME 420

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Qy	421	KEKLISLWMAHGFLLSKGNMELEDVGDEVWKELYLRSFQEIEVKDGKTYFKMHDLIHDL	480
Db	421	KEKLISLWMAHGFLLSKGNMELEDVGDEVWKELYLRSFQEIEVKDGKTYFKMHDLIHDL	480
Qy	481	ATSLFSANTSSSNIREINKHSYTHMMSIGFAEVVFFYTLPPEKFISLRVLNLGDSTFNK	540
Db	481	ATSLFSANTSSSNIREINKHSYTHMMSIGFAEVVFFYTLPPEKFISLRVLNLGDSTFNK	540
Qy	541	LPSSIGDLVHLRYLNLYGSGMRS LPKQLCKLQNLQTLDLQYCTKLCCLPKETSKLGSLRN	600
Db	541	LPSSIGDLVHLRYLNLYGSGMRS LPKQLCKLQNLQTLDLQYCTKLCCLPKETSKLGSLRN	600
Qy	601	LLLDGSQSLTCMPPRIGSLTCLKTGQFVVGRRKKGYQLGELGNLNLYGSIKISHLERVKN	660
Db	601	LLLDGSQSLTCMPPRIGSLTCLKTGQFVVGRRKKGYQLGELGNLNLYGSIKISHLERVKN	660
Qy	661	DKDAKEANLSAKGNLHSLSMSWNNFGPHIYESEEVKVLEALKPHSNLTSLKIYGFRGIHL	720
Db	661	DKDAKEANLSAKGNLHSLSMSWNNFGPHIYESEEVKVLEALKPHSNLTSLKIYGFRGIHL	720
Qy	721	PEWMNHSVLKNIVSILISNFRNCSCLPFGDLPCLESLELHWGSADVEYVEEVDIDVHSG	780
Db	721	PEWMNHSVLKNIVSILISNFRNCSCLPFGDLPCLESLELHWGSADVEYVEEVDIDVHSG	780
Qy	781	FPTRIRFPSLRKLDIWDFGSLKGLLKKEGEEQFPVLEEMI IHECPFTLSSNLRALTSR	840
Db	781	FPTRIRFPSLRKLDIWDFGSLKGLLKKEGEEQFPVLEEMI IHECPFTLSSNLRALTSR	840
Qy	841	ICYNKVATSFPEEMFKNLANLKYLTISRCNNLKELPTSLASLNALKSLKIQLCCALES LP	900
Db	841	ICYNKVATSFPEEMFKNLANLKYLTISRCNNLKELPTSLASLNALKSLKIQLCCALES LP	900
Qy	901	EEGLEGLSSLTELFVEHCNMLKCLPEGLQHLTTLTSLKIRGCPQLIKRCEKGIGEDWHKI	960
Db	901	EEGLEGLSSLTELFVEHCNMLKCLPEGLQHLTTLTSLKIRGCPQLIKRCEKGIGEDWHKI	960
Qy	961	SHIPNVNIYI	970
Db	961	SHIPNVNIYI	970

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